Date: Bid Date: Project #: Location: Project Name: Engineer: Contractor: Prepared By:

LAARS-StorTM SS Residential Indirect Water Heater

Model LS-RTV (40-75)

***Specification***

Contractor shall supply and install Qty: Laars-Stor SS Energy Saver Stainless Steel indirect water heater.

The water heater shall be a Laars-Stor model LS-RTV- -L, and shall have a U.S. gallon capacity of

gallons ( liters).

Unit shall have a coil capacity of gallons ( liters), and a heating surface area of square feet. Boiler flow through the coil shall be U.S. gallons per minute with a pressure drop of feet w.c., from a boiler with gross output of BTU/hr. With 180°F (82°C) supply and 140°F (60°C) stored water temperature, first hour delivery shall be gallons, with a recovery of gallons per hour at 90°F (50°C) temperature rise. With 200°F (93°C) supply and 140°F (60°C) stored water temperature, first hour delivery shall be gallons, with a recovery of gallons per hour at 90°F (50°C) temperature rise.

The unit shall be certified at 300 PSI (2068 kPa) test pressure and 150 PSI (1034 kPa) working pressure .

The water heaters shall meet or exceed the insulating standards established under ASHRAE Standard 90.1b (current edition). CFC-free polystyrene insulation shall cover the sides and top of the tank to save energy by retarding heat loss. Stand-by heat loss shall be less than ½°F per hour.

Tank and heat exchanger shall be chromium molybdenum titanium ferritic 444 stainless steel alloy.

Potable water connections shall be ¾" NPT. Boiler supply and return connections shall be ¾" NPT female, and shall be located on the front of the unit. Connection nipples shall be factory-installed for easier installation and longer water heater life.

Unit shall be furnished with fully automatic control aquastat, temperature/pressure valve, and brass drain/return valve. Replaceable parts shall carry a 6-year limited warranty, and the tank and heat exchanger shall carry a life-time limited

warranty.

800.900.9276 • Fax 800.559.1583 ***(Customer Service, Service Advisors)***

20 Industrial Way, Rochester, NH 03867 • 603.335.6300 • Fax 603.335.3355

1869 Sismet Road, Mississauga, Ontario, Canada L4W 1W8 • 905.238.0100 • Fax 905.366.0130

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